

Express Mail Label No. **EL056394615US**

66/82/70

UTILITY PATENT APPLICATION TRANSMITTAL
(Large Entity)

(Only for new nonprovisional applications under 37 CFR 1.53(b))

Packet No.
U.S. 45958003JP-3

Total Pages in this Submission

TO THE ASSISTANT COMMISSIONER FOR PATENTS

Box Patent Application
Washington, D.C. 20231

Transmitted herewith for filing under 35 U.S.C. 111(a) and 37 C.F.R. 1.53(b) is a new utility patent application for an invention entitled:

" NOVEL FOAMING COMPOSITIONS AND METHODS FOR MAKING AND USING THE COMPOSITIONS "

and invented by:

JEFFREY T. PACHL AND DONALD W. TAYLOR AND JAMES W. FREITAG

PTO
U.S.
09/300930
04/28/99

If a **CONTINUATION APPLICATION**, check appropriate box and supply the requisite information:

☐ Continuation ☐ Divisional ☒ Continuation-in-part (CIP) of prior application No.: **09/197,124**

Which is a:

☐ Continuation ☐ Divisional ☒ Continuation-in-part (CIP) of prior application No.: **09/081,967**

Which is a:

☐ Continuation ☐ Divisional ☐ Continuation-in-part (CIP) of prior application No.: _____

Enclosed are:

Application Elements

1. ☒ Filing fee as calculated and transmitted as described below
2. ☒ Specification having **55** pages and including the following:

- a. ☒ Descriptive Title of the Invention
- b. ☒ Cross References to Related Applications (if applicable)
- c. ☐ Statement Regarding Federally-sponsored Research/Development (if applicable)
- d. ☐ Reference to Microfiche Appendix (if applicable)
- e. ☒ Background of the Invention
- f. ☒ Brief Summary of the Invention
- g. ☒ Brief Description of the Drawings (if drawings filed)
- h. ☒ Detailed Description
- i. ☒ Claim(s) as Classified Below
- j. ☒ Abstract of the Disclosure

P01ULRG/REV04

UTILITY PATENT APPLICATION TRANSMITTAL (Large Entity)

(Only for new nonprovisional applications under 37 CFR 1.53(b))

Docket No.
OB003JP-3

Total Pages in this Submission

Application Elements (Continued)

3. ☒ Drawing(s) (when necessary as prescribed by 35 USC 113)

a. ☐ Formal Number of Sheets

b. ☒ Informal Number of Sheets

4. ☒ Oath or Declaration

a. ☒ Newly executed (original or copy) ☐ Unexecuted

b. ☐ Copy from a prior application (37 CFR 1.63(d)) (for continuation/divisional application only)

c. ☐ With Power of Attorney ☐ Without Power of Attorney

d. ☐ DELETION OF INVENTOR(S)
Signed statement attached deleting inventor(s) named in the prior application,
see 37 C.F.R. 1.63(d)(2) and 1.33(b).

5. ☐ Incorporation By Reference (usable if Box 4b is checked)
The entire disclosure of the prior application, from which a copy of the oath or declaration is supplied under Box 4b, is considered as being part of the disclosure of the accompanying application and is hereby incorporated by reference therein.

6. ☐ Computer Program in Microfiche (Appendix)

7. ☐ Nucleotide and/or Amino Acid Sequence Submission (if applicable, all must be included)

a. ☐ Paper Copy

b. ☐ Computer Readable Copy (identical to computer copy)

c. ☐ Statement Verifying Identical Paper and Computer Readable Copy

Accompanying Application Parts

8. ☒ Assignment Papers (cover sheet & document(s))

9. ☐ 37 CFR 3.73(B) Statement (when there is an assignee)

10. ☐ English Translation Document (if applicable)

11. ☐ Information Disclosure Statement/PTO-1449 ☐ Copies of IDS Citations

12. ☐ Preliminary Amendment

13. ☒ Acknowledgment postcard

14. ☒ Certificate of Mailing

☐ First Class ☒ Express Mail (Specify Label No.):

EL056399615US

UTILITY PATENT APPLICATION TRANSMITTAL (Large Entity)

(Only for new nonprovisional applications under 37 CFR 1.53(b))

Docket No.
OB003JP-3

Total Pages in this Submission

Accompanying Application Parts (Continued)

15. ☐ Certified Copy of Priority Document(s) (if foreign priority is claimed)

16. ☒ Additional Enclosures (please identify below):

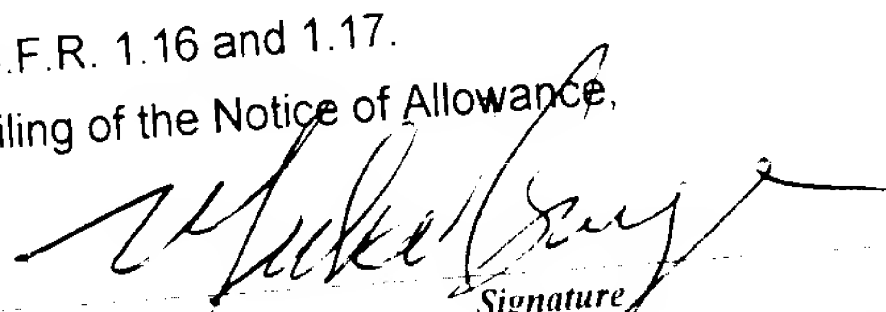
FEE TRANSMITTAL PTO/SB/17

Fee Calculation and Transmittal

| CLAIMS AS FILED | | | | | Fee | |
|--|--------|----------|--------|-----------|------------------|----------|
| For | #Filed | #Allowed | #Extra | Rate | | |
| Total Claims | 20 | - 20 = | 0 | x \$22.00 | | \$0.00 |
| Indep. Claims | 3 | - 3 = | 0 | x \$82.00 | | \$0.00 |
| Multiple Dependent Claims (check if applicable) <input type="checkbox"/> | | | | | BASIC FEE | \$760.00 |
| | | | | | | \$0.00 |
| OTHER FEE (specify purpose) | | | | | TOTAL FILING FEE | \$760.00 |

- ☒ A check in the amount of \$760.00 to cover the filing fee is enclosed.
- ☒ The Commissioner is hereby authorized to charge and credit Deposit Account No. 15-0680 as described below. A duplicate copy of this sheet is enclosed.
- ☐ Charge the amount of as filing fee.
- ☒ Credit any overpayment.
- ☒ Charge any additional filing fees required under 37 C.F.R. 1.16 and 1.17.
- ☐ Charge the issue fee set in 37 C.F.R. 1.18 at the mailing of the Notice of Allowance, pursuant to 37 C.F.R. 1.311(b).

Dated: 28 APRIL 1999


Signature
MICHAEL K. BOYER - USPTO REG NO 33,085
ATTORNEY FOR APPLICANTS
ORSCHELN MANAGEMENT CO
2000 US HWY 63 SOUTH
MOBERLY, MISSOURI, 65270
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fax: 660 269-4530
email: mboyer@orscheln.com

CC:

CERTIFICATE OF MAILING BY "EXPRESS MAIL" (37 CFR 1.10)

Applicant(s): **JEFFREY T. PACHL ET AL.**

Docket No.

OB003JP-3

Serial No.
UNKNOWN

Filing Date
28 APRIL 1999

Examiner
M. FOELAK

Group Art Unit
1711

Invention: **" NOVEL FOAMING COMPOSITIONS AND METHODS FOR MAKING AND USING THE COMPOSITIONS "**

I hereby certify that this **NEW NON-PROVISIONAL PATENT APPLICATION**
(Identify type of correspondence)

is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under
37 CFR 1.10 in an envelope addressed to: The Assistant Commissioner for Patents, Washington, D.C. 20231 on
28 APRIL 1999
(Date)

MICHAEL K. BOYER - USPTO REG NO 33,085
(Typed or Printed Name of Person Mailing Correspondence)

[Signature]
(Signature of Person Mailing Correspondence)

EL056399615US
("Express Mail" Mailing Label Number)

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PTO/SB/17 (12-98)
Approved for use through 09/30/2000. OMB 0651-0032
Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE
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FEE TRANSMITTAL for FY 1999

Patent fees are subject to annual revision.
Small Entity payments must be supported by a small entity statement,
otherwise large entity fees must be paid. See Forms PTO/SB/09-12.

TOTAL AMOUNT OF PAYMENT (\$)

Complete if Known

Application Number CIP OF 09/197,129
Filing Date APRIL 28, 1999
First Named Inventor PACHL
Examiner Name M. FOELAK
Group / Art Unit 1711
Attorney Docket No. 03003JP-3

METHOD OF PAYMENT (check one)

1. ☒ The Commissioner is hereby authorized to charge indicated fees and credit any over payments to:

Deposit
Account
Number
Deposit
Account
Name

15-0680

CRSCHELN

- ☒ Charge Any Additional
Fee Required Under
37 CFR 1.16 and 1.17

2. ☒ Payment Enclosed:

☒ Check ☐ Money Order ☐ Other

FEE CALCULATION

1. BASIC FILING FEE

Large Entity Fee Code (\$)

Small Entity Fee Code (\$)

Fee Description
101 760 201 380 Utility filing fee
106 310 206 155 Design filing fee
107 480 207 240 Plant filing fee
108 760 208 380 Reissue filing fee
114 150 214 75 Provisional filing fee

Fee Paid

760

SUBTOTAL (1) (\$) 760

2. EXTRA CLAIM FEES

Total Claims 20 -20** = 0 X Fee from below = 0
Independent Claims 3 -3** = 0 X Fee Paid = 0
Multiple Dependent

**or number previously paid, if greater; For Reissues, see below

Large Entity Fee Code (\$)

Small Entity Fee Code (\$)

Fee Description
103 18 203 9 Claims in excess of 20
102 78 202 39 Independent claims in excess of 3
104 260 204 130 Multiple dependent claim, if not paid
109 78 209 39 ** Reissue independent claims over original patent
110 18 210 9 ** Reissue claims in excess of 20 and over original patent

SUBTOTAL (2) (\$) 0

FEE CALCULATION (continued)

3. ADDITIONAL FEES

Large Entity Fee Code (\$)

Small Entity Fee Code (\$)

Fee Description

Fee Paid

105 130 205 65 Surcharge - late filing fee or oath
127 50 227 25 Surcharge - late provisional filing fee or cover sheet.
139 130 139 130 Non-English specification
147 2,520 147 2,520 For filing a request for reexamination
112 920* 112 920* Requesting publication of SIR prior to Examiner action
113 1,840* 113 1,840* Requesting publication of SIR after Examiner action
115 110 215 55 Extension for reply within first month
116 380 216 190 Extension for reply within second month
117 870 217 435 Extension for reply within third month
118 1,360 218 680 Extension for reply within fourth month
128 1,850 228 925 Extension for reply within fifth month
119 300 219 150 Notice of Appeal
120 300 220 150 Filing a brief in support of an appeal
121 260 221 130 Request for oral hearing
138 1,510 138 1,510 Petition to institute a public use proceeding
140 110 240 55 Petition to revive - unavoidable
141 1,210 241 605 Petition to revive - unintentional
142 1,210 242 605 Utility issue fee (or reissue)
143 430 243 215 Design issue fee
144 580 244 290 Plant issue fee
122 130 122 130 Petitions to the Commissioner
123 50 123 50 Petitions related to provisional applications
126 240 126 240 Submission of Information Disclosure Stmt
581 40 581 40 Recording each patent assignment per property (times number of properties)
146 760 246 380 Filing a submission after final rejection (37 CFR 1.129(a))
149 760 249 380 For each additional invention to be examined (37 CFR 1.129(b))

Other fee (specify)

Other fee (specify)

SUBTOTAL (3) (\$) 760.00

Reduced by Basic Filing Fee Paid

SUBMITTED BY

Typed or
Printed Name

MICHAEL K. BOYER

Signature

Michael Boyer

Date

4/28/99

Reg. Number

33,085

Deposit Account
User ID

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.